

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	231	242/418.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 12:40
L2	406	242/418.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 12:40
L3	134	242/419.8.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 12:40
L4	367	242/419.9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 12:40
L5	1102	1 or 2 or 3 or 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 12:40
L6	30	5 and encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 12:40
L7	2252	tension same encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 12:54
L8	110852	"242".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 12:54

L9	156	7 and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 12:54
L10	31883	"66".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 13:10
L11	130	10 and encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 13:10
L12	17	("3858416"   "4479078"   "4686437"   "4736601"   "4764875"   "5038413"   "5357660"   "5579541"   "5912541"   "5983402"   "6151925"   "D067967"   "D075805"   "D182251"). PN. OR ("6886366"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 13:16
L13	2	12 and encoder	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 13:17
L14	3	("5369966"   "6102320"   "6202450").PN. OR ("6745597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 13:19
L15	6	("3700153"   "3962891"   "4673139"   "4752044"   "4953367").PN. OR ("6105398").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 13:23
L16	55387	"139".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 13:31
L17	168	16 and encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 13:31

L18	200	242/366.4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 13:38
L19	1	18 and encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 13:38
L20	787	8 and encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 13:42
L21	479	20 and feed\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 13:43
L22	43	21 and yarn	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 13:43
L23	6	omeda.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 13:49
L24	1	2003-393453.NRAN.	DERWENT	OR	ON	2009/04/14 13:51
L25	496	3 or 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:27
L26	8	25 and encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:27

L32	12368	encoder near optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:45
L33	110852	"242".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:45
L34	67	32 and 33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:45
L35	642	encoder near (optical and incremental)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:48
L36	1	33 and 35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:48
L37	632	35 and position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:48
L38	296	(encoder near (optical and incremental)) with position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:49
L39	53	(encoder near (optical and incremental)) with position and tension	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:49

L40	19	33 and ((optical near encoder) with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:50
L41	4	33 and ((incremental near encoder) with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:51
L42	1337	((incremental near encoder) with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:55
L44	8	((incremental near encoder) with position) same tension	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 14:56
S1	2	"5912541".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/06 15:55
S2	2	"2004237600".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/06 16:00
S3	1	"20040237600".pn.	US-PGPUB	OR	ON	2009/03/06 16:01
S4	2	yarn and (angle near encoder)	US-PGPUB	OR	ON	2009/03/06 16:02
S5	29	yarn and (angle near encoder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/06 16:02
S6	159	242/365.6.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 13:13

S7	23	242/365.7.ccls.	US-PG Pub; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 13:13
S8	14084	encoder same resolution	US-PG Pub; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 13:32
S9	25	S8 and yarn	US-PG Pub; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 13:32
S10	182	S6 or S7	US-PG Pub; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 13:42
S11	4	S10 and encoder	US-PG Pub; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 13:42
S12	625	encoder same resolution same diameter	US-PG Pub; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 13:48
S13	6	S12 and yarn	US-PG Pub; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 13:49
S14	2814	incremental near encoder	US-PG Pub; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 13:58

S15	19	S14 and yarn	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 13:58
S16	4	optical near step near encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 14:03
S17	12358	optical near encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 14:03
S18	47	S17 and yarn	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 14:04
S19	1701	242/364-366.4.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 14:25
S20	15	S19 and encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 14:25
S21	56227	encoder with position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 14:29
S22	293	S21 and yarn	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 14:29

S23	134	S21 and (yarn with feed \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 14:29
S24	65	700/139.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 14:48
S25	207	700/141-143.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 14:48
S26	261	S24 or S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 15:08
S27	28	S26 and encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 15:08
S28	70	(yarn near (feed\$3 or suppl\$3)) with encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 15:17
S29	6	("3700153"   "3962891"   "4673139"   "4752044"   "4953367").PN. OR ("6105398").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/13 15:25
S30	1	S29 and encoder	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/13 15:26
S31	0	("2003/0122019").URPN.	USPAT	OR	ON	2009/04/13 15:27
S32	17	("3858416"   "4479078"   "4686437"   "4736601"   "4764875"   "5038413"   "5357660"   "5579541"   "5912541"   "5983402"   "6151925"   "D067967"   "D075805"   "D182251").PN. OR ("6886366").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/13 15:30



S33	67	("3767206"   "3809935"   "4060310"   "4160200"   "4501460"   "4517481"   "4779031"   "4788658"   "4947071"   "4988905"   "5006703"   "5006744"   "5038088"   "5070289"   "5107387"   "5136452"   "5159218"   "5160925"   "5170851"   "5237540"   "5249161"   "5287028"   "5311400"   "5321585"   "5327064"   "5408154"   "5428470"   "5455734"   "5504940"   "5532533"   "5618188"   "Re34064"). PN. OR ("5912541"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/13 15:32
S34	3	("5369966"   "6102320"   "6202450").PN. OR ("6745597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/13 15:39
S35	2	"20030122019".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 15:44

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